

PTO/SB/21 (08-00)

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/021,708	
	Filing Date	December 19, 2001	
	First Named Inventor	Shunpei YAMAZAKI	
	Group Art Unit	3742	
	Examiner Name	S. Fuqua	
Total Number of Pages in This Submission		Attorney Docket Number	0756-2412

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Declaration and Power of Attorney <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosures 1. 2. 3. 4. 5. 6.
Remarks <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees required or credit any overpayments to Deposit Account No. 50-2280 for the above identified docket number.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Eric J. Robinson, Reg. No. 38,285 Robinson Intellectual Property Law Office, P.C. PMB 955 21010 Southbank Street Potomac Falls, VA 20165
Signature	
Date	2-25-05

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**FEE TRANSMITTAL
FOR FY 2005**

Effective 10/01/2004. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$180.00)

Complete if Known

Application Number	10/021,708
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First Named Inventor	Shunpei YAMAZAKI
Examiner Name	S. Fuqua
Group Art Unit	3742
Attorney Docket No.	0756-2412

METHOD OF PAYMENT

- 1.
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- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

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Deposit
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- ☒
- Charge Any Additional Fee Required
-
- Under 37 CFR 1.16 and 1.17 and
-
- credit overpayments

- ☐
- Applicant claims small entity status.
-
- See 37 CFR 1.27

- 2.
- ☒
- Payment Enclosed:

- ☒
- Check
- ☐
- Credit Card
- ☐
- Money
-
- Order
- ☐
- Other

FEE CALCULATION**1. BASIC FILING FEE**

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
1001 300	2001 150	Utility filing fee	
1111 500	2111 250	Search fee	
1311 200	2311 275	Examination fee	
Over 100 Sheets/250 for each additional 50			

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
20** =	X	\$50	
Independent Claims	-3** =	X	\$200
Multiple Dependent			

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
1202 50	2202 25	Claims in excess of 20	
1201 200	2201 100	Independent claims in excess of 3	
1203 360	2203 180	Multiple dependent claim, if not paid	
1204 200	2204 100	** Reissue independent claims over original patent	
1205 50	2205 25	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1051 130	2051 65			Surcharge - late filing fee or oath	
1052 50	2052 25			Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130			Non-English specification	
1812 2,520	1812 2,520			For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*			Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*			Requesting publication of SIR after Examiner action	
1251 120	2251 60			Extension for reply within first month	
1252 450	2252 225			Extension for reply within second month	
1253 1020	2253 510			Extension for reply within third month	
1254 1,590	2254 795			Extension for reply within fourth month	
1255 2,160	2255 1080			Extension for reply within fifth month	
1401 500	2401 250			Notice of Appeal	
1402 500	2402 250			Filing a brief in support of an appeal	
1403 1000	2403 500			Request for oral hearing	
1451 1,510	1451 1,510			Petition to institute a public use proceeding	
1452 500	2452 250-			Petition to revive - unavoidable	
1453 1,500	2453 750			Petition to revive - unintentional	
1501 1,400	2501 700			Utility issue fee (or reissue)	
1502 800	2502 400			Design issue fee	
1503 1100	2503 550			Plant issue fee	
1462 400	1462 400			Petitions, Group I	
1463 200	1463 200			Petition, Group II	
1464 130	1464 130			Petitions, Group III	
1807 50	1807 50			Processing fee under 37 CR 1.17(q)	
1806 180	1806 180			Submission of Information Disclosure Stmt	\$180.00
8021 40	8021 40			Recording each patent assignment per property (times number of properties)	
1809 790	2809 395			Filing a submission after final rejection (37 CFR § 1.129(a))	
1810 790	2810 395			For each additional invention to be examined (37 CFR § 1.29(b))	
1801 790	2801 395			Request for Continued Examination (RCE)	
1802 900	1802 900			Request for expedited examination of a design application	
Other fee (specify) _____					

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$180.00)

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SUBMITTED BY

Name (Print/Type) Eric J. Robinson

Registration No. 38,285
(Attorney/Agent)**Complete (if applicable)**

Telephone (571) 434-6789

Signature

Date 2-25-05

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**FEE TRANSMITTAL
FOR FY 2005**

Effective 10/01/2004. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27.

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Application Number	10/021,708
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Examiner Name	S. Fuqua
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1802	900	1802	900	Request for expedited examination of a design application	

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* Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$180.00)

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Adelle M. Stampen

SUBMITTED BY

Name (Print/Type)

Eric J. Robinson

Signature

Registration No.
(Attorney/Agent)

38,285

Complete (if applicable)

Telephone

(571) 434-6789

Date

2-25-05



Attorney Docket No. 0756-2412

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Shunpei YAMAZAKI

Serial No. 10/021,708

Filed: December 19, 2001

For: HEAT TREATMENT APPARATUS
AND METHOD OF
MANUFACTURING A
SEMICONDUCTOR DEVICE

) Group Art Unit: 3742

) Examiner: S. Fuqua

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) Adrian M. Stamps

INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.56 and 37 C.F.R. 1.97-1.99, Applicant submits herewith a Form PTO-1449 listing information known to Applicant and requests that this information be made of record in the above identified application. Copies are submitted herewith in accordance with 37 C.F.R. 1.98(a).

JP 2000-133612 teaches a cooling structure 22 in a laser annealing apparatus.

A check in the amount of \$180 is being submitted to comply with the provisions of 37 C.F.R. § 1.97(c).

The Commissioner is hereby authorized to charge fees under 37 C.F.R. §§1.16, 1.17, 1.20(a), 1.20(b), 1.20(c), and 1.20(d) (except the Issue Fee) which may be


03/02/2005 RMEBRAHT 00000051 10021708

01 FC:1806

180.00 OP

required now or hereafter, or credit any overpayment to Deposit Account No. 50-2280.
A duplicate copy of this sheet is attached.

Respectfully submitted,



Eric J. Robinson
Reg. No. 38,285

Robinson Intellectual Property Law Office, P.C.
PMB 955
21010 Southbank Street
Potomac Falls, Virginia 20165
(571) 434-6789

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PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/021,708
		Filing Date	December 19, 2001
		First Named Inventor	Shunpei YAMAZAKI
		Group Art Unit	3742
		Examiner Name	S. Fuqua
		Attorney Docket Number	0756-2412
Sheet	of	1	

U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		5,820,650		Yamazaki	10/13/1998	

FOREIGN PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
		JP	2000-133612			05/12/2000		Abst.

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

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